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The Sea Coast Echo

THE OFFICIAL JOURNAL OF Board of Mayor and Aldermen, CITY OF BAY ST. LOUIS, MISS.

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ROTHSCHILD

Star Hats

FOR a smartly fashioned hat of top-notch quality look for the Rothschild mark within the one you buy. Our line is complete. Select your Rothschild hat now.

THE BAY MERCANTILE CO.,

John Osoinach, Prop.,

Bay St. Louis, Miss.

BAY ST. LOUIS WILL HAVE WIRELESS STATION.

Will Be the Only One On Seacoast Between New Orleans and Mobile.—Hubert De Ben Will Construct Station.

Mr. Hubert E. De Ben, of 1044 City Park avenue, New Orleans, and a summer resident of Bay St. Louis, is preparing for the erection in Bay St. Louis of a wireless station.

To The Echo he said, "I will begin work on the station in about a month and should have it completed about next spring. I expect to be in Bay St. Louis shortly with the necessary testing apparatus so as to nnd a suitable location."

The station will have an approximate range of one thousand miles. Messages will be handled free of charge to any part of the United States via the American Radio Relay League trunk lines.

Bay St. Louis will have the distinction of being the only town between New Orleans and Mobile with such a wireless station.

Hubert E. de Ben, is still called the leading wireless amateur of New Orlans, although he is now a commercial radio telegrapher. He has the best equipped and largest amateur radio station in th South, says the New Orleans Item, speaking about Mr. de Ben in a feature article of recent date, and continues:

About five years ago a friend asking him to assist in erecting a station. At that time "wireless" sounded like something mysterious and magical but having a "mystery solving mind" Hubert, who was then 15 years old, listened to the brief explanation of radio-telegraphy and bfore the station was erected becam as enthusiastic as his chum.

"Coming in contact with a radio 'fiend' lays one liable to the disease of radiotis,' and I was in for an overdose," says de Ben.

HEARS HIS FIRST SIGNALS.

"After receiving the explanation of the mysteries of wirelss, I returned home and began planning. I made a few vicious attacks on my savings account and bought material to construct a few pieces of crude apparatus. I erected a small aerial and connected it to the apparatus. I sat with the receivers clamped to my cranium for two hours before being rewarded with fant sounds. They were being sent by the naval station four miles away. At last the mysterious of wireless had been mastered.

"Friends and neighbors visitd me and listened with awe to the mysterious flashes and buzzes. They regarded me as a miracle man with more than human intelligence. There were some Bolsheviki neighbors, too, who started rumors that the wires strung over the back yard drawing ghosts and lightning. These rumors were promptly stamped out. I claimed that persons with such ideas were ignorant and their wild fears unworthy of notice.

SIX MONTHS WORK WASTED.

The government requires all amateurs to pass an examination before being allowed to transmit signals, and the amateur, being dissatisfied with only hearing them, began studying for the tests.

Alas! He studied the wrong code and when he appeared before the district radio inspector, his six months of labor had gone for naught. He must return and learn the International Morse or Continental code. Two months later he returned equipped with a knowledge of "Continental" and various points of the theory of radio electricity.

Having obtained his license, he installed a transmitter with a non-synchronous rotary gap. Such a gap sounds like 40 freight trains crashing down a hillside when the operator begins to transmit signals. The nerve-racking noises disturbed the neibhbors aroused t oa high pitch of indignation, they would arrest him for disturbing the peace, they would annihilate him, they would burn his shack.

For months the boy who mastered the secrets of mysterious radio feared to go forth from his home fearing to leave his operating room, sure destruction and death would greet him if he ventured into the streets and bombs would wreck his apparatus if left unguarded. Jealously the boy watched his precious set, beset with these and a hundred other fears. But the noises of the rotary gap continued far into the night. In defiance of neighbors and his own fear, he continued to operate.

BUILDS NEW STATION AFTER WAR.

In six months ,having become proficient in many branches of the science, he took out a commercial license. The sea ,with all its wild wonders appealed to his boyish nature. The commercial license entitled him to sea service. That summer he spent his vacation at sea. For thefour succeeding years, he has spent the summers on the sea and the winters in school.

Then the war came, and his older chums left for the front. The government ordered all amateur stations dismantled. And amateur must no tlisten to War Department orders. Spies could not keep stations under the guise of amateurs. Hubert was too young to get into uniform with the Merchant Marine.

When the war ended and the government allowed amateurs to oprate their stations again ,Hubert erected a record-breaker. It was the most up-to-date high powered amateur station in the South. With it he could receive signals 1900 miles and transmit 1200 miles. It had a working range of 1000 miles. Direct communication with Roswell, New Mexico, Chicago, Norfolk and Washington was established. He communicated with stations in 20 states.

INTERRUPTED U. F. CO. SERVICE

Just prior to the war, while Hubert had his first flush of enthusiasm, the high powered station of the Tropical Radio Telegraph Company was erected near City Park. This is the fastest station in the United States; it moves business with greater speed than any other. Operators at this station were forever being intered with by the zealous amateur. Hubert wold try to talk to whomever he heard.

The big station was trying to comunicate with Swan Island, far down in the Carribbean sea. The signals of the amateur continually interfered with those of the far away station. Wrathful radio men threatened him, cursed him and complained to the district inspector about him but to no avail.

Be it sai dto Hubert's credit that he did not know the havoc he was causng wth the business of the Tropical Company. So when the manager of the station, after locating him, gently explained, through clenched teeth, Hubert ceased to give them trouble. He afterwards became very friendly with th men at the big station.

Hubert de Ben is 20 years old. The five years he spent in the "game of wireless telegraphy" he regards as profitable. His ambition is to become a radio engineer.

Hubert says: "Amateur wireless is the only thing for wide awake boys. It affords an entertaining combination of pleasure, recreation and education. It offers recreation and educates the inventive mind, and holds limitless possibilities for the future."

FORD CAR PRICES CUT 31 PER CENT, STARTING AT ONCE.

DETROIT, Mich., Sept. 21.—Re-establishment of pre-war prices on all products of the Ford Motor Company effective immediately was announced today by Henry Ford. The price reductions range from approximately 14 per cent on motor trucks to 31 per cent on small automobiles.

The latest information obtainable regardng the resumption of L. & N. trains over the direct line to and from New Orleans is to the effect that traffic might be resumed by Thursday or Friday of next week. The railroad company is doing all that can possible be done to hasten a resumption of through trains.

Mrs. Charles Webber, of Biloxi, narrowly escaped death when she stepped upon a live wire. She was compelled to remain in one position for thirty minutes until the current was turned off at the power house. Her life was saved by a rubber rain coat which she was carrying. She was severely burned but will recover.

Eddie Heitzmann, lineman for the local electric light company, while working in Main street, in front of the Quintini market, fell and was painfully hurt about the nose and mouth, and had to be taken home. He fell striking the iron cover of the drainage open at that place.

The management of the Hancock Conty Fair Association announces for two days of the fair a "popular young lady contest. One contest for each day. Friends will nominate their choice and the public will rast their votes for their respective favorites. This contest promises to prove one of the interesting features of the two-day event for October in Bay St. Louis. Don't forget the popular young lady contest.

While considerable damage was sustained by the owners of riparian property Tuesday night during the hurricane that passed over Bay St. Louis, considering the intensity of the gale and the damages wrought elsewhere, this city was exceedingly fortunate as far as individual property is concerned. Several bath houses, piers and other like property paid the toll of the warring elements. The city is the heavy loses since bridges and roadways were damaged and washed away. The Cumberland Company's lines along the Waveland beach front were generally destroyed, but are rapidly being put in shape again by the local force.

Milk Economy

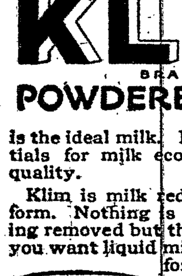
Milk economy means unfailing supply of pure, fresh milk. It means convenience and using every bit of milk you buy—no waste for any reason.

Spell it backwards

KLIM BRAND POWDERED MILK

is the ideal milk. It fills the essentials for milk economy and milk quality.

Klim is milk reduced to powder form. Nothing is changed—nothing removed but the water. When you want liquid milk for drinking—for cooking—for cereals or desserts—you replace the water.



Klim comes in two forms—Whole Milk and Skimmed Milk.

Get a trial supply and see for yourself how economical and convenient it is. Phone or call today.

THE PLEASURE IS OURS AS WELL AS YOURS WHEN OUR GOOD GROCERIES CROSS THE THRESHOLD OF YOUR DOORS. WE DELIVER RIGHT NOW.

Phone 238,

ARCENEAUX'S CASH GROCERY,

On the Beach,

A TRIAL ORDER WILL CONVINCE YOU.

CRUISER "GRACE" WEATHERS THE STORM AT ANCHOR BEAUTIFULLY.

The cruiser "Grace," owned by Mr. John D. Grace, the celebrated marine lawyer, of New Orleans, a summer resident of Waveland, holds the distinction of being the only vessel that has ever held to her moorings at Waveland throughout any of the great hurricanes which have visited the Gulf Coast, she having just gone through the terrific hurricane out on the open gulf, which visited us during the present week, coming through it all without moving from her anchorage or sustaining the slightest damage. Because of the great number of vessels, including some of the largest that visit this coast, both power and sail vessels, that have been lost on this coast front during the different hurricanes which struck along here, it had come to be the settled opinion of seafaring men that it was not possible to anchor a vessel along here and prevent her from dragging anchors and going to pieces on the beach.

The usual direction of the hurricane, as the one of this week, is out of a south-easterly direction, which gives a direct on shore wind and sea at Waveland. But it is now manifest that if the method of anchoring pursued by Mr. Grace is followed, any vessel can get as good an anchorage off Waveland as exist along any other part of the Coast.

It will be remembered that during the great hurricane of 1909, the cruiser then owned by Mr. Grace was anchored in Bay St. Louis and was the only vessel in the entire coast which survived that storm. It, too, came through without sustaining a particle of damage, although a great number of crafts of all kinds, anchored within the vicinity of Mr. Grace's cruiser, were destroyed.

Mr. Grace and his family will shortly return to New Orleans on their justly distinguished cruiser, which by the way, is the fastest vessel on the coast.

DEATH OF B. F. COPELAND.

Former Newspaper Man Prominently Connected With the Paper and Printing Industry Passed Away Sunday A. M.

Mr. B. F. Copeland died at his residence in Second street (the Giannelloni place) Sunday morning at 9 o'clock, after an illness of Bright's disease extending over a period of quite a while.

Mr. Copeland and his wife having resided here formerly, came out from New Orleans during the early summer in the interest of his health. The change was quite favorable to his condition—thanks to Bay St. Louis and its physician—and improvements set in steadily until September 1st, when he reported ready to rturn to work with his firm, E. C. Palmer & Co., of New Orleans, wholesale paper house and dealers in printers' materials. As his malady was an incurable one, the improvement proved only temporary, and his condition took a sudden change for the worse until Sunday when he passed away peacefully, as one falling into sleep.

The remains were shipped to New Orleans that night and Monday morning continued on its journey to Marion, Illinois. Here the funeral took place Tuesday, under the auspices of the Masonic and Elk bodies, the remains interred besides those of his father and mother, in keeping with an expressed wish of the deceased.

Mr. Copeland was 53 years of age, a native of Marion, Ills. Here his father was known for years as the local publisher and was succeeded by the son. Later the son became traveling representative for the American Type Founders' Co., of St. Louis, with which firm his services were highly valuel and he was personally held in great esteem. Ten years ago his family came South and for a while resided in Bay St. Louis.

He is survived by his widow and one son, a daugher-in-law and little grand daughter, all of whom, accompanied by a cousin, Mr. Elmer Copeland, who was here on a visit at the time from Marion, Ills., traveled with the body to its resting place.

Mrs. Copeland was a prince of a gentleman. A man of unusual intelligence and a most charming companion, and one who never knowingly would have uttered or written an unkind word of friend or foe alike. The writer valued his friendship and his demise is chronicled with genuine regret.

FOR SALE: The Service Garage, located opposite the Echo Bldg. A good, paying business offered at attractive price; special inducements to the right party. Owner has other business and cannot give the proper time and attention.

REDUCTION IN PRICES OF FORD PRODUCTS:

Ford

THE UNIVERSAL CAR

The War Is Over and War Prices Must Go.

EFFECTIVE AT ONCE FORD CARS, TRUCKS AND TRACTORS WILL BE SOLD F. O. B. DETROIT THE FOLLOWING PRICES:

Touring, Regular,	$440.00
Touring, Starter,	510.00
Runabout, Regular,	495.00
Chassis,	360.00
Runabout, Starter,	465.00
Coupe with Starter, Demountable Rim	$745.00
Sedan " " " "	745.00
Truck with Pneumatic Tires	545.00
Tractor	790.00

The Ford Motor Co. makes this reduction in the face of the fact that they have on hand immediate orders for 146,065 cars and tractors.

The company will suffer a temporary loss while using up the material bought at high prices. They are willing to make the sacrifice in order to bring business back to a going condition as quickly as possible and maintain the momentum of the buying power of the country.

Henry Ford says "The war is over and it is time war prices were over. There is no sense or wisdom in trying to maintain an artificial standard of value. For the best interest of all it is time a real practical effort was made to bring the business of the country down to pre-war standards.

WE ARE AT YOUR COMMAND WITH REGULAR FORD EFFICIENCY IN SERVICE AND EAGERNESS TO FILL YOUR ORDERS.

Edwards Brothers

BAY ST. LOUIS, MISSISSIPPI.

It's dollars to doughnuts—

no man ever smoked a better cigarette at any price!

CAMELS quality, and their expert blend of choice Turkish and choice Domestic tobaccos hand you a cigarette that will satisfy every smoke desire you ever expressed. You will prefer this Camel blend to either kind smoked straight!

Camels mellow-mildness will certainly appeal to you. The "body" is all there, *and that smoothness!* It's a delight!

Go the limit with Camels! They will not tire your taste. And, they leave no unpleasant cigaretty aftertaste nor unpleasant cigaretty odor!

Just compare Camels with any cigarette in the world at any price!

Camels are sold everywhere in scientifically sealed packages of 20 cigarettes; or ten packages (200 cigarettes) in a glassine-paper-covered carton. We strongly recommend this carton for the home or office supply or when you travel.

R. J. REYNOLDS TOBACCO CO., Winston-Salem, N. C.

Camel CIGARETTES

GULFPORT MONDAY, Oct. 4.

ESCAPED AN OPERATION

By Taking Lydia E. Pinkham's Vegetable Compound. Many Such Cases.

Cairo, Ill.—"Sometime ago I got so bad with female trouble that I thought I would have to be operated on. I had a bad displacement. My right side would pain me and I was so nervous I could not hold a glass of water. Many times I would have to stop my work and sit down or I would fall on the floor in a faint. I consulted several doctors and every one told me the same but I kept fighting to keep from having the operation. I had read so many times of Lydia E. Pinkham's Vegetable Compound and it helped my sister so I began taking it. I have never felt better than I have since then and I keep house and am able to do all my work. The Vegetable Compound is certainly one grand medicine."—Mrs. J. R. MATTHEWS, 3311 Sycamore Street, Cairo, Ill.

Of course there are many serious cases that only a surgical operation will relieve. We freely acknowledge this, but the above letter, and many others like it, amply prove that many operations are recommended when medicine in many cases is all that is needed.

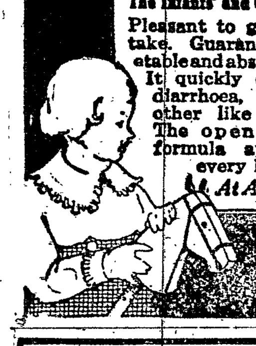
If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass.

Liggett & Myers

KING PIN CHEWING

The tastiest tobacco you ever tasted.

BABIES LOVE
MRS. WINSLOW'S SYRUP
The Infants' and Children's Regulator



Pleasant to give—pleasant to take. Guaranteed purely vegetable and absolutely harmless. It quickly overcomes colic, diarrhoea, flatulency and other like disorders. The open published formula appears on every label. At All Druggists

Shave With Cuticura Soap The New Way Without Mug

Hypocrisy dressed in Sunday clothes is called tact.

"Cold in the Head"

is an acute attack of Nasal Catarrh. Those subject to frequent "colds in the head" will find that the use of HALL'S CATARRH MEDICINE will build up the System, cleanse the Blood and render them less liable to colds. Repeated attacks of Acute Catarrh may lead to Chronic Catarrh.

HALL'S CATARRH MEDICINE is taken internally and acts through the Blood on the Mucous Surfaces of the System, thus reducing the inflammation and restoring normal conditions.

All Druggists. Circulars free.
F. J. Cheney & Co., Toledo, Ohio.

Deceit and treachery make no man rich.

All Tired Out?

Are you burdened with a dull, nagging backache? Does any little exertion wear you out? Does it seem sometimes as if you just can't keep going? Modern life with its hurry and worry, and lack of rest, throws a heavy strain on the kidneys. The kidneys slow up and that tired feeling and constant backache are but natural results. Use *Doan's Kidney Pills*. *Doan's* have helped thousands. They should help you. Ask your neighbor!

An Alabama Case

Mrs. J. L. Rhoades, 202 Furness St., Selma, Ala., says: "I am glad to recommend Doan's Kidney Pills, for they strengthened my back and relieved an ache in the small of it. My back hurt me mostly on getting up in the morning when it was stiff and sore. I always had a tired feeling and lacked ambition. I used Doan's Kidney Pills and one box made me feel a great deal better."

Get Doan's at Any Store, 60c a Box

DOAN'S KIDNEY PILLS

FOSTER-MILBURN CO., BUFFALO, N. Y.

Farmers, Attention!

Cut out the high cost of Fertilizer, by using my Formula; no machinery or equipment necessary. Pin a dollar bill to this ad and mail to M. L. Boghich, Box 834, Birmingham, Ala.

WANTED AT ONCE

1,000 stories for MOTION PICTURES. $50 to $2,500 paid. Experience unnecessary. Enclose stamp for reply. Write today. Applewhite Exchange, Desk A, 4400 S. Dearborn St., Chicago.

BLUAL THE EASIEST most economical way of bluing your wash. Put up in 10c and 25c packages. Send for trial package. Agents wanted. Blual Chemical Co., 280 W. 123th St., N. Y. City

Realized $50,000 From $100 Investment. We offer you same opportunity. For information, Beaumert Co., Box 784, Houston, Tex.

SEND NO MONEY. Write, learn how $15 Texas lease may make you thousands. Manley, 114 N. Robinson, Oklahoma City, Okla.

PECANS, SOFT SHELL, WANTED. Send price and shipping date to Tutthill, Marine Bldg., Chicago, Ill. Save my address.

THE DANCER. LATEST GREAT HIT. Little manipulation makes her dance. 25c postpd. J. A. McMurtry, Sta. G, Columbus, Ohio.

FARM ANIMALS

SIMPLE FORM OF ORGANIZING

No Capital Is Required, Farmers of Community Meeting and Selecting Officers.

The simple form of organization that suffices for co-operative live-stock shipping associations is one of their leading features. In the first place, practically no capital is required, since payment is not made to members for stock shipped until the returns are received from the market. To organize, it is necessary only that the farmers of a community meet together, adopt a simple constitution and by-laws, and elect officers and a board of directors, who in turn appoint a manager.

Although in order to transact business it is not necessary for an association of this nature to incorporate under the state laws, it is advisable to do so as a protection to the members. If not incorporated, the organization, as such, can not sue or be sued, and in case of the loss of stock from railroad wrecks or other cause the manager could not enforce claims for the association, but each shipper would be compelled to present claims for his own losses. The cost of incorporating is comparatively small—usually not more than $10.

The United States department of agriculture will furnish, on request, the essentials of a model constitution and by-laws.

ENTIRE ABSENCE OF SCRUBS

Ohio Breeder, Recently Enrolled for "Better Sires" Keeps Nothing But Purebreds.

With the gradually increasing enrollment in the "Better Sires" movement, the United States department of agriculture notes unusual interest in registration of sires. Many enrollment blanks on which breeding stock is reported contain the name and registry number of stock, although such information is not specifically asked for. A recent enrollment from a live stock

An Ohio Purebred Shorthorn Bull.

owner in Athens county, Ohio, shows that all his sires—a Shorthorn bull, a Berkshire boar, and a Delaine ram—were registered stock of good quality. In addition he kept a registered collie dog. Furthermore, his Rhode Island Red poultry were all standard-bred.

The result of using purebred sires is shown by the entire absence of scrubs on the farm. All the female animals listed were grades, cross breds or pure breds.

FORAGE SUPERIOR FOR HOGS

Extremely High Prices Make It Profitable to Substitute Grass Crops for Grain.

With the present extremely high prices of grain it is profitable to substitute, as far as possible, forage crops for grain feeds. A saving of 15 to 25 per cent of the total amount of grain and supplements may be expected through the use of forage. Pasture crops, when combined with grain feeds, will produce the cheapest rations for both breeding and fattening hogs, and the cost of gains will range from one-sixth to one-fourth cheaper than when the grain is fed in a dry lot.

It may be possible, in some cases, with an abundance of good forage, to obtain fairly satisfactory gains for a time on such forage alone, but the greatest returns have been obtained when grain was fed in addition to the forage at the rate of two to three per cent of the weight of the hogs per day.

SILAGE LACKING IN PROTEIN

When Fed Without Some Supplementary Feed Less Satisfactory Results Are Obtained.

Silage is lacking in protein and should be supplemented by some concentrate high in protein. When fed without this supplementary feed, less satisfactory results can be expected than when it is properly supplemented. The most economical and most satisfactory proportion in which to feed cottonseed meal to fattening cattle receiving silage is approximately 2.5 pounds daily a thousand pounds of live weight.

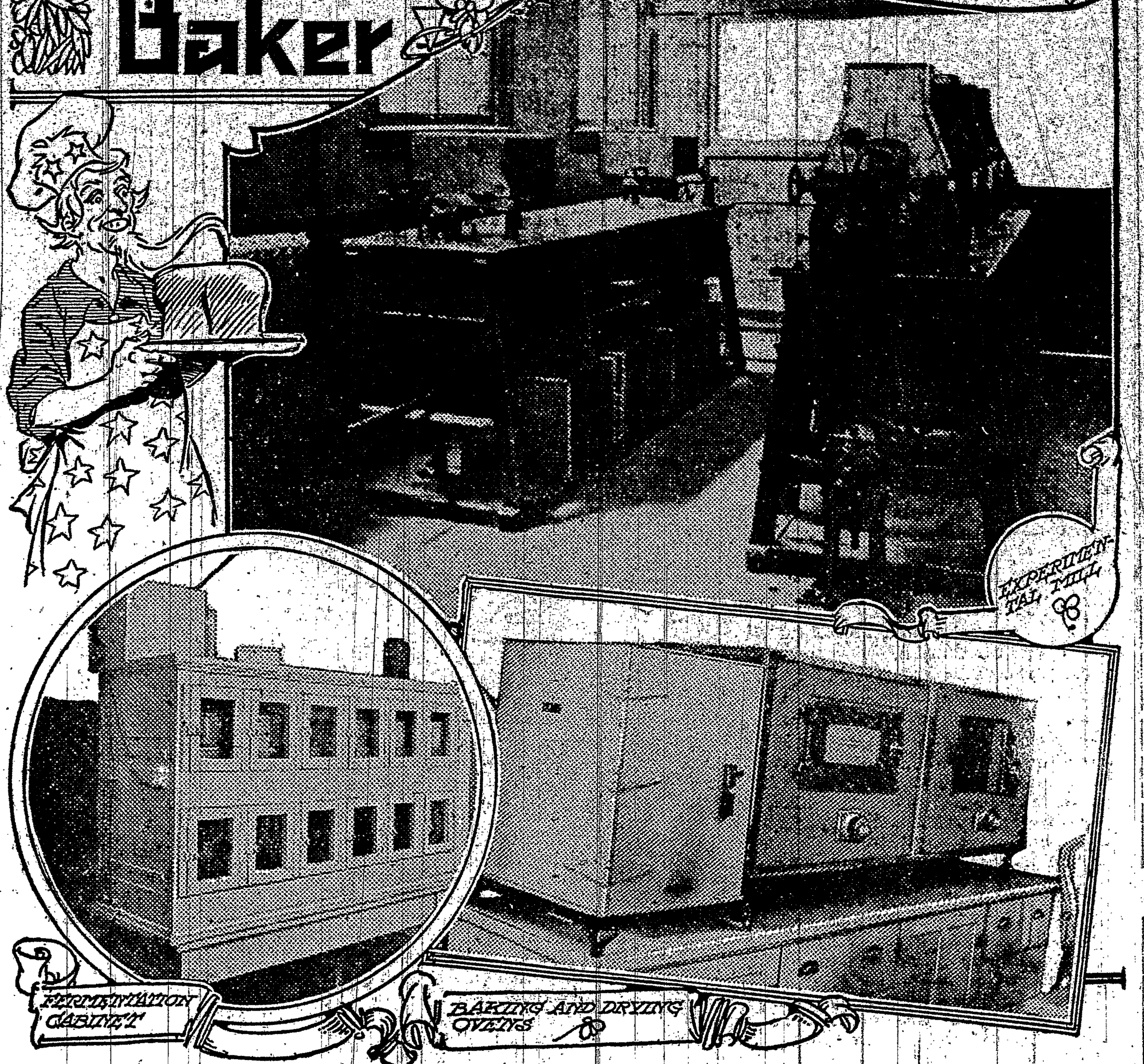
Market for Fat Steers.

In the ordinary year, well-finished steers sell at the highest price in October. The market for really fat cattle generally continues good during November and through the holidays, but rapidly declines in January.

The Boar Herd.

It has many times been said that the boar was half the herd, but whether he is or not he is the governing in-

Uncle Sam—Scientific Baker



By ROBERT H. MOULTON.

THE United States department of agriculture is charged with the work of promoting agriculture in its broadest sense. Hence the department contains many bureaus. The office of farm management, for instance, has for its main object the improvement of farm practice by introducing better business methods and by applying the principles of science.

Then there are the weather bureau, the bureaus of animal industry and plant industry, the forest service, the bureaus of soils, entomology, biological survey, crop estimates and so on.

Among these are the bureau of chemistry and the bureau of markets. The former is largely concerned with analytical work and investigation under the food and drugs act and questions of agricultural chemistry of public interest. The bureau of markets has a wide scope. Its work is divided into four branches—investigational, demonstrational, service and regulating. One branch of its investigational work is the securing of basic information of fundamental importance regarding marketing methods and conditions and also regarding the standardization of agricultural products and methods used in their handling.

So many of the activities of the department revolve about the grain that the United States produces and eats. The specific activity with which this article is concerned is "the milling and baking qualities of grain for which standards have been established under the United States grain standards act."

Scientific milling and baking have received the attention of a corps of investigators. An experimental mill and baking laboratory have recently been installed at a cost of $50,000. They are quite up-to-date and by means of them a large amount of accurate information, hitherto unobtainable, has been secured.

The laboratory is really a series of laboratories, each equipped for doing a particular part of the investigational work. The wheat samples obtained for testing purposes first pass through the grading laboratory, where a complete mechanical analysis is made of each sample and a detailed record kept of its condition, physical characteristics, purity and soundness. This feature of the investigation is not the least important, as it is through the observation in this room that these investigations can be definitely connected with practical grain grading and wheat valuation.

After this operation is completed the samples pass into the hands of the miller, who puts them through the cleaning machinery, where they are handled in practically the same manner as in the commercial mill cleaning department. The equipment here consists of two grain separators and scourer. Once cleaned, the sample is ready for tempering.

Every type and condition of wheat grown in the country is met with in the course of the work of this laboratory, and owing to the fact that the treatment required for the different samples varies considerably, depending upon its physical character, the judgment of the miller must be assisted by definite information concerning the sample. In this he has before him the record obtained in the grading laboratory, which includes the very necessary data regarding the moisture content. As comparatively small quantities are used in the milling tests, the addition of moisture and the control of all conditions surrounding this process are relatively simple.

The milling is done on a small nonautomatic testing mill consisting of four single stands of six by six inch rolls, three corrugated and one smooth. The mill is so operated that the flow of a five-break nine-reduction roller mill, such as is in commercial use, can be closely imitated.

Every effort is made to standardize the conditions under which the tests are made, in order that the results secured may be comparable in all cases.

One innovation in this connection, which is considered of extreme importance, is apparatus for controlling the humidity of the milling room. This has proved to be a very valuable adjunct, and is a distinctly new feature as applied to work of this character.

After a short period in storage the flour produced in the mill goes to the bakery, where its actual quality is determined by its conversion into bread under standardized conditions.

This bakery is very completely equipped for accurately controlled work. Dough-mixing machines, an electrically heated fermentation cabinet in which the heating is automatically controlled, and an electric baking oven constitute the main equipment used by the baker in producing his numerous miniature batches of bread. Once baked, the expansion of the loaf and the texture, color and flavor of the bread are determined and recorded.

Other tests of technical nature, such as will show gluten, protein and moisture content, are made on the flour, to assist in determining its commercial value and interpreting the results of the baking tests. Much of this work is done in a well-equipped laboratory adjoining the bakery. In addition to this the unsurpassed facilities of the bureau of chemistry are also available in the conduct of investigations that lead into the field of chemical research.

The immediate direction of the work of the laboratory is under the chief of the bureau of markets, and the problems holding first place at the present time relate primarily to the many factors that must be considered in the proper revision and intelligent application of the federal wheat standards; however, the facilities offered by this specialized equipment and corps of workers are also available to other bureaus of the department.

Numerous milling and baking tests are made for the bureau of plant industry to assist in their efforts to develop for the various sections of the country more prolific strains of wheat having superior milling and baking qualities.

GATHERED FACTS

Some of the caterpillars found in the region of the Darling river in Australia are more than six inches in length.

In only a few cities of western Siberia are there two-story houses. Baths in houses are very rare, public baths being used.

Great interest in American ready-built houses has been expressed in both France and England, according to John R. Walker, lumber trade commissioner.

Hannah Montague, wife of a blacksmith, made the first detached linen collar for men in Troy, N. Y., in 1819. Now in one collar factory in that city 200,000 yards of linen is used daily.

An English fire department is testing a new fire escape by which persons are lowered in a basket from a tower raised against a building instead of being carried down ladders.

The shah of Persia possesses perhaps the most valuable pipe in the world. It is the Persian official pipe, and is smoked only on state occasions. It is set with rubies and diamonds, and is valued at $500,000.

Matches are turned out in huge quantities by machinery. The machines now in use cut up great planks of wood into match splinters at lightning speed. The ends of the splints are then passed through a paraffin bath and receive their heads.

An Argentine physician treats whooping cough by injections of an extract brewed from the patient's sputum.

In 1790 only 29,000,000 pounds of tobacco were sold in the United States. Last year the sales reached 914,000,000 pounds.

Time equivalent to 3,000,000 days is said to have been saved to the women of the United States by the electric washing machines sold last year.

Fifty thousand Indians from all parts of Mexico recently completed their week of homage to their patron saint, the Virgin of Guadalupe, and their pilgrimage to the shrine of the virgin.

The Mennonites derive their name from Menno Simons, formerly a Catholic priest, who became a teacher and leader of the Anabaptists about 1537, and published his "True Christian Belief" in 1556.

A daily newspaper in St. Petersburg, Fla., gives away its whole edition every day the sun doesn't shine and in nine years and six months there have been only fifty-six free issues of the paper.

Frank M. Clark of Hedley, Tex., recently received $5,000 insurance on the life of the largest hog in the world, which died on his Silver Crest farm. Not long ago Mr. Clark refused $8,000 for the animal.

Trophy Is Highly Prized

Gold Cup, Chief Award at Ascot Meeting, Coveted by Every Racing Man in England.

The Gold cup, which rewards the winner of the chief event at the Ascot meeting, is perhaps the most coveted prize of the turf. It has had varied history. In 1807 the first race for the Gold cup was witnessed by George III's queen and "the three princesses in white Spanish mantles, and the prince of Wales glorious in bottle-green."

Thirty-seven years later the Czar Nicholas I was so delighted with the race for the cup that he begged to be allowed to substitute a piece of plate, which, appropriately enough, was won in the following year by Lord Albemarle's Emperor, so named in honor of the czar, says the Manchester Guardian.

This "Emperor's Plate" was a very handsome trophy, being a reduced copy of the famous statue of Peter the Great at Petrograd, ornamented with figures of Russian soldiers and with views of Windsor castle, the kremlin and the winter palace. When the Crimean war broke out the Gold cup regained the place of honor.

Hongkong packs and ships about 2,000,000,000 pounds of rice annually.

The Philistine!

"I had a queer experience in taking a New Yorker through our great recreation ground," said a Springfield woman. "Proudly I drove him into the park, sure that he would admire the ravines, the wooded places, the stretch of fields, the natural beauty of the place. But, do you know he seemed bored to death, and he didn't show a bit of interest until we came to that

Resemblance.

"Owens is a sort of human dynamo."

"That fellow! Why, he hasn't energy enough to work and pay his bills."

"Exactly. Everything he has on is charged."—Boston Transcript.

First Thing on Program.

Mr. Gottrocks (fat and self-important, extends his diamond ringed hand)—What would you do if you had a ring

A Wider Sphere.

"Mrs. Boggles is getting to be quite a political boss."

"So she is," said Mr. Boggles, thoughtfully. "Being a woman, Mrs. Boggles has had things pretty much her own way so far, but I fear she'll be sadly disillusioned before long. Somebody's going to talk back to her and then she'll discover that tapping her foot and looking stern won't work as well with a lot of politicians as it does with me."—Birmingham Age-Herald.

"RESULTS MORE THAN CLAIMED"

So testifies Mr. J. F. ARENDT, Box 44, Romig, Texas

PE-RU-NA

THE REMEDY FOR EVERYDAY ILLS

"I have used Pe-ru-na for years in cases of colds and catarrh. The results have been good, in fact, more than you claimed. Have also taken Lacupia and can easily say it is one of the best blood purifiers I have ever used."

Mr. J. F. Arendt

For Catarrh and Catarrhal Conditions

The evidence of one man like Mr. Arendt is more convincing proof to you of the merits of Pe-ru-na than any written words of ours. For fifty years Pe-ru-na has been the standby of the American family for diseases due to catarrhal inflammation of the mucous membranes lining the organs of the body. Thousands, like Mr. Arendt, have proved the effectiveness of Pe-ru-na for coughs, colds, nasal catarrh, stomach, bowel and liver disorders or any disease characterized by a catarrhal condition.

If your suffering is the result of a catarrhal disorder try Pe-ru-na. It is a true, tried medicine.

Sold Everywhere ***Tablets or Liquid***

Ninety-Seven per cent. of the people have catarrh in some form.

Plain Talk.

"Pa, what is a dirigible?"

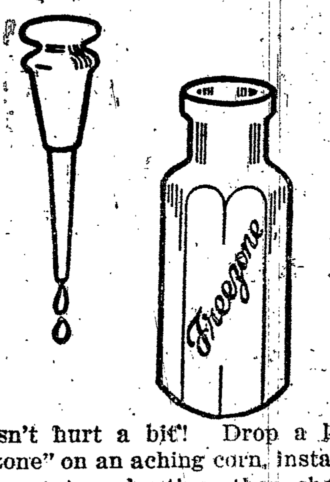
"Now, Willie, haven't I told you not to irrigate your poor pa with your questions and prosecute him with your impositions just like he was a cyclorama of inflammation?"

SAY "DIAMOND DYES"

Don't streak or ruin your material in a poor dye. Insist on "Diamond Dyes." Easy directions in package.

"CORNS"

Lift Right Off Without Pain



Doesn't hurt a bit! Drop a little "Freezone" on an aching corn, instantly that corn stops hurting, then shortly you lift it right off with fingers. Truly!

Your druggist sells a tiny bottle of "Freezone" for a few cents, sufficient to remove every hard corn, soft corn, or corn between the toes, and the calluses, without soreness or irritation.

WOULD ALSO LIKE TO KNOW

Problem Put Up to Private Kelly Was Something Over Which He Had Been Pondering.

Kelly had drawn a summary for being absent from post while on guard duty.

"Where were you?" demanded the judge advocate, "when the sergeant of the guard passed just in front of your post?"

"At the rear."

"Where were you when the corporal passed just behind it?"

"At the front."

"And now," triumphantly, "where were you when the sergeant and the corporal walked around your post from opposite directions without seeing you?"

"Judge," said Kelly hopefully, "that's been worrying me. Where was I?"—The American Legion Weekly.

The Basement Was Vacant.

"You say," remarked a Brooklyn woman to a candidate for a job in her household, "that you were a month in your last place?"

"Yes, mum," was the response. "A week with the lady on the top floor, a week with the lady on the third floor, a week on the second and a week on the ground floor."

Good Intentions.

"Did you ever fool with the stock market?"

"No. I was in earnest. The stock market did the fooling."

If you convince a man against his will you may have to do it over again next day.

Acts on the Liver, Regulates Kidneys, Purifies the Blood

The liver is the largest and most important organ in the body, and when the liver refuses to act, it causes constipation, biliousness, headaches, indigestion, gas, sour stomach, bad breath, dysentery, diarrhoea, pains in the back and under shoulder blades and under ribs on right side. These symptoms lead to colds, influenza or other serious troubles unless corrected immediately.

An inactive liver places an extra burden on the kidneys, which overtaxes them and causes the blood to absorb and carry into the system the impurities that the liver and kidneys have failed to eliminate.

When you treat the liver alone, you treat only a third of your trouble, and that is why you have to take purgatives every few nights. Calomel or other ordinary laxatives do not go far enough. If you would treat your kidneys and blood while treating the liver, you would put your entire system in order and frequent purgatives would then be unnecessary.

Dr. W. L. Hitchcock many years ago recognized these important facts, and after much study and research, compounded what is now known as Dr. Hitchcock's Liver, Kidney and Blood Powders, three medicines combined in one. This was the Doctor's favorite prescription for many years, being used by his patients with marked success. It is a harmless vegetable remedy that will not make you sick, and you may eat anything you like while taking it.

Get a large tin box from your druggist or dealer for 25c, under his personal guarantee that it will give relief, tone up the liver, stimulate the kidneys to healthy action and thereby purify the blood. If your dealer will not supply you, it will be mailed direct by the Hitchcock Medicine Co., Atlanta, Ga., upon receipt of price.—Adv.

SAW SOLDIERS OF FIVE WARS

John Pemberton Oak Has History Probably Unequaled by That of Any Other Tree.

Soldiers of five wars have been drilled beneath the John Pemberton oak tree, Bristol, Virginia-Tennessee, nominated for a place in the hall of fame of the American forestry association at Washington by Mrs. H. F. Lewis, secretary of Virginia for the Daughters of the American Revolution. Under this tree Col. John Pemberton mustered his troops for the battle of King's Mountain. A marker has been placed on the tree by the Sycamore Shoals chapter, says the American Forestry Magazine, in making the announcement. The soldiers of the War of 1812 met here. Then came the Mexican war and the old tree saw men again leave their homes to fight. Next came the struggle between the states, and the oak witnessed the drilling of men to fight one another in their own country. Then came the world war and again the veteran oak saw our boys answer their united country's call.

Good Advice.

"What would you do if you were in my shoes, Jephson?" asked Hobbs.

"Have 'em cleaned," replied Jephson.

Any way is good that brings the desired results, and bad that is ineffective.

The Modern Table Drink

A combination of good flavor, economy, efficiency and health satisfaction

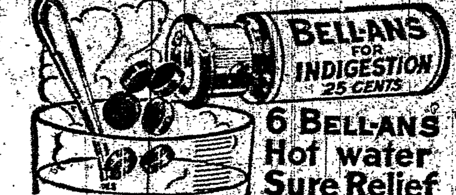
INSTANT POSTUM

This pure and wholesome beverage contains none of coffee's harmful ingredients. Especially valuable in families with children.

Sold by all Grocers

Made by Postum Cereal Co. Inc. Battle Creek, Mich.

Sure Relief



6 BELL-ANS
Hot water
Sure Relief

BELL-ANS
FOR INDIGESTION

PARKER'S HAIR BALSAM
Removes Dandruff-Stops Hair Falling
Restores Color and
Beauty to Gray and Faded Hair
50c. and $1.00 at druggists.
Hiscox Chem. Wks. Patchogue, N.Y.

HINDERCORNS Removes Corns, Callouses, etc., stops all pain, ensures comfort to the feet, makes walking easy. 15c. by mail or at Druggists. Hiscox Chemical Works, Patchogue, N. Y.

16799 DIED

in New York City alone from kidney trouble last year. Don't allow yourself to become a victim by neglecting pains and aches. Guard against this trouble by taking

GOLD MEDAL HAARLEM OIL CAPSULES

The world's standard remedy for kidney, liver, bladder and uric acid troubles. Holland's national remedy since 1696. All druggists, three sizes. Guaranteed. Look for the name Gold Medal on every box and accept no imitation

FOR PROMPT RELIEF FROM PERIODICAL PAINS
2 TABLETS WITH WATER
ACCA
GENUINE ASPIRIN
TRADE MARK REGISTERED
DOES NOT DERANGE THE STOMACH

Don't wait until you are down on your back with chills and fever. Make your system immune from Malarial disorder.

OXIDINE
STOPS CHILLS & FEVER

Kills the germs of the disease before they get a foothold in your blood, and tones up the system making you well and strong.

The Behrens Drug Co.
Waco, Texas.

FOR GOOD HEALTH

Take K & S Laxative Tablets. America's greatest system regulator. Send 50c today for a box of our vegetable tablets. They will satisfy, or we will refund your money. Send remittance by check or money order.

SCHULZE REMEDY CO.
Station E Kansas City, Mo.

A noble housekeeper needs no doors

INVENTIVE GENIUS ROBS CALOMEL OF NAUSEA AND DANGER

Doctors' Favorite Medicine Now Purified and Refined from All Objectionable Effects. "Calotabs"—the New Name.

What will human ingenuity do next? Smokeless powder, wireless telegraphy, horseless carriages, colorless iodine, tasteless quinine,—now comes nausealess calomel. The new improvement called "Calotabs" is now on sale at drugstores.

For biliousness, constipation and indigestion the new calomel tablet is a practically perfect remedy, as evidenced by the fact that the manufacturers have authorized all druggists to refund the price if the customer is not "perfectly delighted" with Calotabs. One tablet at bedtime with a swallow of water—that's all. No taste, no nausea, no griping, no salts. By morning your liver is thoroughly cleansed and you are feeling fine, with a hearty appetite. Eat what you please—no danger—go about your business.

Calotabs are not sold in bulk. Get an original package, sealed. Price, thirty-five cents.—(adv.)

Once in politics, almost always in politics.

Dr. Peery's "Dead Shot" has enjoyed popular approval for 75 years. Manufactured only by Wright's Indian Vegetable Pill Co., 372 Pearl St., New York City.—Adv.

Don't expect presents all the time; occasionally give one.

MURINE Night and Morning. Have Strong, Healthy Eyes. If they Tire, Itch, Smart or Burn, if Sore, Irritated, Inflamed or
YOUR EYES

DAIRY FACTS

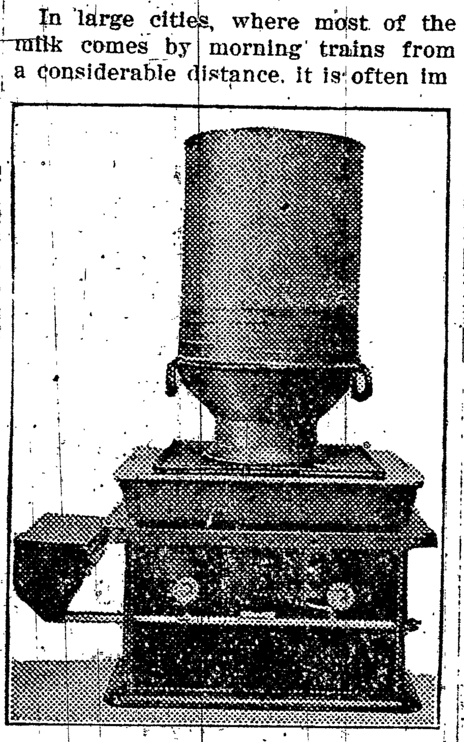
CAREFUL HANDLING OF MILK

All Vessels Should Be Freshly Scalded to Remove Bacteria—Cover Will Exclude Odors.

No matter how well milk has been handled up to the time it is delivered to the consumer, it cannot be expected to keep well if it is carelessly treated thereafter. It should be poured into pitcher, pan, or other vessel—freshly scalded to remove any bacteria or mold spores—and kept in a cool, clean place free from dirt, flies, etc. New milk should never be mixed with old, unless it is used at once, as the bacteria in the old milk will, of course be added also, and the mixed milk will not keep as well as the fresh milk alone.

Bacteria are thickest where there is dirt and decay, and milk should therefore be stored only in clean, sweet places. It is safer to keep it covered, to exclude not only dirt and bacteria but also the flavors and odors which it so easily absorbs. If kept at a temperature of 50 degrees Fahrenheit or less, good milk should remain sweet for 12 hours at least, after it reaches the consumer, and ordinarily for 24 hours or more, dairy specialists of the United States department of agriculture say. Sometimes in very hot weather housekeepers complain that in spite of all precautions it sours quickly, even in the ice box. This is often due to the fact that the air of the ice box, although it seems cold in contrast with the heat outside, is really not cold enough to check the growth of the bacteria; if a thermometer placed inside registers more than 50 degrees Fahrenheit, the fault is almost surely in the temperature of the ice box, and not in the milk.

In large cities, where most of the milk comes by morning trains from a considerable distance, it is often impossible to deliver fresh morning's milk in time for breakfast, and that milked the morning before must be given to patrons who insist on an early delivery. They would get their milk from 12 to 18 hours fresher if they would take it in the afternoon instead.



Sterilization Is the Efficient Method of Preparing Milk Cans for the Reception of Sanitary Milk.

AIR-TIGHT WALL IS NEEDED

In Building a Silo Protection Must Be Provided for Silage to Prevent Molding.

It makes little difference what material is used in building a silo as long as the silo is practically air tight all around the walls and bottom. Wood, cement, tile, iron, and plaster silos have been used with success. Protection against mold is largely dependent upon the exclusion of air, and for this purpose an air-tight wall is required and the ensiled material should be properly packed in the silo. Silage will keep equally well in any one of the silos mentioned provided the walls are properly made, are air and moisture tight, and the material is correctly ensiled.

REINFORCING INSIDE OF SILO

Where High Winds Prevail It Is Good Insurance to Place Wood Hoops at Top and Bottom.

Where high winds prevail it is good insurance to reinforce the inside of a stave silo with wood hoops at the top and bottom. Pieces of thin, narrow lumber, usually weather boarding, are nailed to the staves so as to form a hoop of 4 to 5 thicknesses of the weather-boarding, care being exercised to break joints. The strips are 8x10 feet long and they may be soaked in water so as to bend easier.

CAPACITY OF COW'S STOMACH

Not Enough Nutrition in Pasture Grass to Make Maximum Production of Milk.

The bulky nature of pasture grass places a positive limit upon the capacity of the cow to take feed. In other words, the cow's stomach cannot contain grass enough to supply the required nutrients for maximum milk production; therefore a part of the ration should be of a more concentrated nature. Good pasture contains an abundant supply of succulent palatable and nutritious grasses.

Care of Milking Machines.

Milking machines need special summer care. Immediately after milking, water should be drawn through the teat cups and tubes by operating the machine as if actually milking.

Antiquated Methods.

Yesterday's methods won't do for today. Keep up to date in your methods.

NOW FAD FOR PLAITED SKIRTS

THERE is so much to be said of separate skirts because there are so many of them. The separate skirt—more or less dressy—to be worn with blouses and smocks that correspond with it in character, has won the steadfast allegiance of American women and is taken as a matter of course in every wardrobe, just as tailored suits and blouses are. Together with tailored, one-piece dresses, it gives opportunity for varying our everyday clothes for morning or street wear, and it is the cornerstone of sports apparel. In the richer fabrics, for afternoon and dinner dress, it is the complement of many beautiful blouses and smocks. It is a great convenience to take one skirt with several blouses and ring many changes in the toilette.

A fad for plaited skirts just now has proved an inspiration to designers. They seem to delight in ingenious management of striped or plaid fabrics that can be made to do all sorts of unlooked-for things in conjunction with plaits. Both wool and silk fabrics are to be reckoned with in the fall styles, and all sorts of plaitings. A new fall model in striped woolen goods has recently made its debut and is shown in the picture above. Many ready-made skirts employ accordion plaits, that are liked because they take less material than other plaits and prove as effective, as may be gathered from the model in the picture. The plaited skirt is easy to make at home. One has only to buy material twice the length of the skirt plus the width of the hem, with sometimes a little additional allowance for matching the stripes or plaids. The goods is cut in two lengths, sewed up and the hem put in. Then it is taken to the professional to plait in a plaiting machine, or one can do this work at home. The plaits must be very thoroughly pressed down.

When stripes running on the diagonal are wanted, the making is less simple, but even then presents no very great difficulties.

Ready for the School Bell

THE sensible mother does not worry when the time comes to outfit her daughters, big and little, for school days. She knows that she cannot go wrong when middy blouses are determined upon for school wear. They have made an unassailable place for themselves in the minds of those who shape the destinies of the best schools and many of these schools require a middy suit for the everyday wear of their pupils and admit no exception to this rule. Uniform dress for school wear is so good an idea that it ought to spread and it is possible that some day it will be feasible for certain public schools. Mothers can further it if they will.

The successful middy is not quite so simple a proposition to deal with as it looks to be. Its straight lines must be trim lines, its collar well adjusted, its shoulder shapely, its sleeve roomy and neat, its finish above reproach. The middy in the school suit shown above qualifies as a first class example, when put to these tests. It is a trim garment with round-tailored collar, a little vestee, a tie and sleeve that belongs to the United States navy, and handsome insignia. There is a convenient and inconspicuous pocket on the left side and a tight cuff finishing a roomy sleeve. Rows of white braid are stitched on with irreproachable exactness as a decoration to collar and sleeves, the tie is knotted in the approved fashion and spreads its crisp ends as it should.

Plain skirts appear to have passed into the realm of forgotten things, in plain materials, and plaits reign in their stead. Double-box plaits make straight up-and-down lines in the skirt of the middy suit. We have to concede that they are just the thing for it. For these suits it is worth while to use good materials—French and storm serges, gaberdine, jean and other durable fabrics of medium weight. For older girls the length of the middy and its hip lines need consideration. These are to be snug. Skirts are usually side plaited.

Julia Bottomley

Lacquered Decorations.

Lacquered ribbons and braids are appearing on many new models for fall.

Organdie Combination.

Gray dotted Swiss and white organdie are charmingly combined for a little frock with a very full circular skirt.

Flowered Taffeta.

A new blouse from Paris is made of flowered taffeta. It has a little modesty piece of white organdie and an immense butterfly sash of self-material.

Embroidered Hat Bands.

Embroidered hat bands are a summer novelty.

MOTHER!

"California Syrup of Figs" Child's Best Laxative

Accept "California" Syrup of Figs only—look for the name California on the package, then you are sure your child is having the best and most harmless physic for the little stomach, liver and bowels. Children love its fruity taste. Full directions on each bottle. You must say "California."—Adv.

The largest part of some people is their wishbone.

"Eatonic—Worth Its Weight in Gold"

Writes Mrs. E. L. Griffin from her home in Franklin, N. H. "I feel like a new person. Stomach feels fine after eating—all from taking your wonderful eatonic. It's worth its weight in gold."

Millions of sufferers from sour, acid, gassy stomachs, heartburn, indigestion, bloating, full feeling after eating, should try eatonic. Just try it—that's all, and get relief, new life, strength and pep. It produces quick, sure and safe results, because eatonic takes up the harmful acids and poisons and carries them right out of the body. Of course, when the cause is removed, the sufferer gets well—quick!

The cost is a trifle. Your druggist will supply eatonic, so, if you want better health, all you need do is—try it TODAY. You will surely feel big benefits at once. Adv.

Humility is the foundation of all virtue.

99 OUT OF 100

Need Vacher-Balm at Times.

Nothing better for summer colds, hurts or itching. Keep it handy. Agents wanted where we have none. E. W. Vacher, Inc., New Orleans, La.—Adv.

A pretty girl is one who is handsome and doesn't know it.

A BRIGHT, CLEAR COMPLEXION

is always admired, and it is the laudable ambition of every woman to do all she can to make herself attractive. Many of our southern women have found that Tetterine is invaluable for clearing up blotches, itchy patches, etc., and making the skin soft and velvety. The worst cases of eczema and other torturing skin diseases yield to Tetterine. Sold by druggists or sent by mail for 50c. by Shuptrine Co., Savannah, Ga.—Adv.

One of the funniest things in the world is a man hater.

Important to Mothers

Examine carefully every bottle of CASTORIA, that famous old remedy for infants and children, and see that it

Bears the Signature of *Chas. H. Fletcher*

In Use for Over 30 Years.
Children Cry for Fletcher's Castoria

Naturally.

"Does the patient snore in his sleep?" "I have never noticed him snoring at any other time."

DODSON WARNS CALOMEL USERS

You Cannot Gripe, Sicken, or Salivate Yourself if You Take "Dodson's Liver Tone" Instead

Calomel salivates! It's mercury. Calomel acts like dynamite on a sluggish liver. When calomel comes into contact with sour bile it crashes into it, causing cramping and nausea.

If you feel bilious, headachy, constipated and all knocked out, just go to your druggist and get a bottle of Dodson's Liver Tone for a few cents, which is harmless vegetable substitute for dangerous calomel. Take a spoonful and if it doesn't start your liver and straighten you up better and quicker than nasty calomel and without making you sick, you just go back and get your money.

If you take calomel today you'll be sick and nauseated tomorrow; besides, it may salivate you, while if you take Dodson's Liver Tone you will wake up feeling great, full of ambition, and ready for work or play. It's harmless, pleasant and safe to give to children; they like it.—Adv.

Three Generations

HAVE USED

STELLA-VITÆ

Grandmother used it and handed it down to daughter and granddaughter. It helped them all—is a boon to all women and young girls. "Woman's Relief" — "Mother's Cordial". GUARANTEED—if the FIRST bottle gives no benefit, the dealer from which it was bought will REFUND THE MONEY. The prescription of an old family physician, in use for three generations.

Sole Props. & Mfrs.
THATCHER MEDICINE CO.
Chattanooga, Tenn., U. S. A.

Mrs. Myrtle Miller, Okla. "I was an invalid for two years. By the advice of my druggist I used STELLA VITAE and it cured me. I can now do all my own work."

Mrs. V. K. Uzzell, Suffolk, Va. "Before I took Stella Vitae I never saw a well day for over twelve months. After taking one bottle I was better. My complexion has cleared up and I have gained 20 lbs."

24

Felt Fagged Out

South Carolina Man Says Ziron Helped Make Him Feel Stronger.—"A Good Builder."

"I HAVE been taking Ziron and found it to be a splendid tonic, a good builder, and a help to me," says Mr. D. B. Brunson, of New Brookland, S. C. Mr. Brunson explains that he was in a run-down condition, "and when I would get up in the mornings," he says, "I would be so tired, and felt fagged out. I had indigestion, also.

"I decided to use Ziron and see what it would do. I found it just as recommended. It made me feel stronger, and did away with the tired feeling."

ZIRON, of which Mr. Brunson speaks, is a scientific compound, prepared from pure, soluble iron salts, with other tonic ingredients, forming a valuable, building medicine for pale, weak people.

Ziron helps to enrich the blood with iron and tone up the general system.

Many people have been benefited by taking Ziron. Why not try it and see what it will do for you? It may help you. If it doesn't, take the empty bottle back to the druggist's, where you bought the Ziron, and get your money back. This offer applies to the first bottle of Ziron that you take, and is good at any drug store.

Insist on Ziron. Accept no substitute.

WINTERSMITH'S CHILL TONIC

Sold for 50 years for Malaria and as a General Tonic. Helps build you up.

If Not Sold by Your Druggist, Write ARTHUR PETER & CO., Louisville, Ky.

A square deal always pays.

Cuticura Soap for the Complexion.

Nothing better than Cuticura Soap daily and Ointment now and then as needed to make the complexion clear, scalp clean and hands soft and white. Add to this the fascinating, fragrant Cuticura Talcum and you have the Cuticura Toilet Trio.—Adv.

All news isn't black as it's printed.

Making Hay.

"Did the captain do anything to clean up the precinct?"

"Some say he got sixty thousand in a month."—Louisville Courier-Journal.

Roman Eye Balsam has gained the public's confidence during 75 years. Manufactured only by Wright's Indian Vegetable Pill Co., 372 Pearl St., New York City.—Adv.

A married woman's rights might be used in correcting her husband's wrongs.

BEWARE!

Unless you see the safety "Bayer Cross" on tablets, you are not getting genuine Aspirin prescribed by physicians for over 20 years, and proved safe by millions.

Safety first! Insist upon an unbroken "Bayer Package" containing proper directions for Headache, Neuralgia, Colds, Earache, Toothache, Neuritis, Rheumatism, Lumbago and Pain generally. Made and owned strictly by Americans.

Bayer-Tablets of Aspirin

Handy tin boxes of 12 tablets cost but a few cents—Larger packages

Sea Coast Echo.

CHAS. G. MOREAU, Editor and Pub'r.

Official Journal of Hancock County, Miss.
Official Journal of City of Bay St. Louis.

CITY ECHOES.

—Mr. W. C. Moore and Mr. L. H. Smith, representing the Federal Vocational Board of District No. 6, have been here for several days, working with Mrs. M. C. Gager, executive secretary, Home Service Section, A. R. C., on cases for vocational training for disabled ex-service men. Mr. Moore will remain over for several days more; Mr. Smith having left for Hattiesburg, Miss.

—Mrs. G. E. Templet, accompanied by Mrs. A. Thiery, left Saturday for Brown's Wells, Miss., where they will spend a while in recreation, and before returning home will visit other points in the State. The ladies intend to be gone for an indefinite period.

—The Parent-Teacher's Club of the Central School held a very interesting and profitable meeting at the school house Monday afternoon. Mrs. P. J. Ferret was made chairman of a committee to get up a musical and variety program for the next social meeting of the club, to be held at the school house at night. The entertainment will be given by the grown-up talent of the community, no children taking part.

—Have your house wired. Enjoy better light at low cost. Use an electric flat iron, a vacuum cleaner and other conveniences. We will be glad to furnish you a free cost estimate whether or not you decide to let us do the job. Ask for it today. Thornton Electrical Store, Hanson Bldg., Davis Ave., Pass Christian, Miss.

—The Echo has been requested to announce that there will be a "penny party" given on the evening of September 30th, on the lawn of the W. J. Gex residence, on the beach front, benefit of the Catholic church. The affair is to be given by a band of eight little girls, who are interesting themselves in the interest of the cause. May every success possible attend their efforts.

—Mr. and Mrs. R. W. Taylor and little sons, after visiting their relatives, Mr. and Mrs. P. J. McGinn, this summer, left for Atlanta, Ga., Sunday night, where they will reside in future. Mr. Taylor and brother have become associated in organizing and financing one of the largest automobile corporations in the country. Mr. Taylor and family are registered at one of the leading hotels of that city.

—The Echo has been requested to announce that there will be a special meeting held on next Tuesday afternoon, September 28th, at 2:30 o'clock, Central School, of the meeting of the Parent and Teacher's Club. Object of the meeting, to discuss matters appertaining to the Hancock County Fair October 7th and 8th. A full attendance is urged. This is a special meeting and your presence is specially requested.

—Scratch My Back !

—The Gulfport and Mississippi Coast Traction Company is the greatest sufferer along the Coast from both tide and winds, over one-tenth of its roadbed and tracks washed away between Biloxi and Gulfport. The company also suffered from the loss of trolley wires and numerous poles which were imbedded across its tracks, making travel along the beach roadway somewhat dangerous. Between the two cities there were five serious washouts which will require large forces of men approximately two weeks to repair.

—The storm damages to Bay St. Louis are comparatively small but numerous and the aggregate is considerable. The municipality proper was possibly hit the hardest, the roadway at both extreme ends of the city being washed away. Waveland's roadway in the vicinity of Coleman avenue and further down suffered serious damage that seems irreparable. At this rate in due time the Waveland beach front road will have been obliterated, for the major portion at least.

—At a meeting of the Sea Wall Bond Commissioners of the City of Bay St. Louis, called at the instance of Mayor R. W. Webb, held Thursday night, it was decided to continue the building of the sea wall. The safety of the people and the protection of property is at stake and regardless of the high cost of material and labor it was concluded to go ahead and finish the splendid work begun. It is a wise decision and the commissioners will receive the plaudits of every right-thinking citizen and property-holder.

—Scratch My Back !

—Due to the lack of a sea wall, Harrison county coast line suffered much damage from the storm. The sloping beach there does not prove adequate protection. The greatest damage to the county will be in the destruction of the hard surfaced roadways both in Biloxi Mississippi City and Gulfport. In Biloxi several hundred feet of the Warrantite roadway was damaged for the first time since its construction. In Mississippi City in front of the Piaggio home the entire road was carried away for a distance of several feet by the tide. The newly-constructed roadway on East Beach in Gulfport was damaged to the extent of approximately $5,000, all of which will require Harrison county some time in making repairs.

—Mr. Joyner, of the firm of Kergosien & Joyner, is receiving the congratulations of his friends this week on the occasion of the arrival of a son at the family home in Union street. This is the first-born in the family, and the event carries much joy with it. Both mother and child are doing exceptionally well.

—The rally for St. Paul M. E. Church, colored, in Goodchildren was a success more than in the ordinary sense of the term. Mrs. C. E. Powell, one of the captains went "over the top." Total amount raised in this special effort for the new church which the congregation proposes building, was one thousand and thirty-six dollars. The resident bishop, Rt. Rev. R. E. Jones, was present at this rally and presented the trustees with a check of $1,000.00, giving the fund in the bank for the new church, $2,500. This is a splendid showing and is worthy of mention. The church is to be built on a different site from where the present one stands, and will cost $16,000.00. The difference in the amount on hand and that needed to be supplied from the fund of outside church extension work. Bay St. Louis will naturally feel proud of the new church building. Rev. A. H. Latham is pastor; Rev. [illegible] superintendent [illegible]

TIMELY COMMUNICATION FROM "A TAX-PAYER."

Dwells on Narrow Escape Bay St. Louis Experienced This Week In Absence of Sea Wall—Wants Bond Commissioners to "Get Busy."

My dear Mr. Editor:—

When we stop and wonder what this little storm that has just left us might have been we have a great deal to be thankful for.

None of us knew when we went to bed on Monday night whether we would wake up and find that part of Bay St. Louis not protected by the sea wall gone. I mean the streets of Bay St. Louis.

We had a wonderful summer. No rooms or house that could be occupied not filled to full cpacity. It was not a question of would you rent, but what would you take. One bidding against the other for the opportunity to rent. This winter, from present indications, will be as good for Bay St. Louis as the summer if present indications continue.

Can we hope for this condition if our front roads are wiped off the face of the map? Can we hope for Bay St. Louis as we saw it this summer if our houses or bluffs and our roads on sand and a ladder needed get from the road to the houses?

Had Monday's storm hit us with its full force don't you believe that we could have expected to see that property north of the present sea wall its full force don't you believe that we could have expected to see hat property north of the present sea wall gone, or, if not gone, the houses would have been on the hills and theroads gone. The same would have applied to that property south of the sea wall. What is the Lacoste, the Judge McDonald property, etc. worth now? And pray, ask yourself what these same properties would be worth with the houses on hills and the roads on the sand and a ladder needed to get to these places,

Don't you think, Mr. Editor, it is time for the city officials, the Bond Commissioners to do something?

Don't you think it is time for the people in their might to meet in mass meeting and demand that we have some sort of protection?

I have seen the "sea wall" Mr. Wisner bult, and while it looks like the pracical thing yet I am willing to submit to the report of experts and be governed by them. I care not what protection they give us, but let's have some protection. The writer does not own one foot of front property, so it is not a case of selfish motives. I am merely hoping to see our town come into is own, but I fear that if we supinely lie on our backs and hope and dream on that some day we will wake up and realize that we have lost our front roads never to get them back, let us hope that this will never take place. And let us hope that the people will unite in a demand for some sort of protection and let us do like the rest of theCoast—do something. and not go to sleep.

I am, yours very truly,
A TAX-PAYER.

Bay St. Louis, Miss., Sept. 22, 1920.

SPECIAL MEETING BOARD OF MAYOR AND ADERMEN.

Pursuant to a special call the Board of Mayor and Aldermen of the City of Bay St. Louis was held at the City Hall on Saturday, the 18th day of September, 1920.

There were present Mayor R. W. Webb, Aldermen W. C. Sick, Leo Blaize, L. C. Carver, City Marshal Albert Jones, Secretary S. J. Ladner. Absent—Alderman R. S. Blaize.

Mayor R. W. Webb appointed Aldermen Sick chairman pro tem of the Finance Committee, and same was ratified by the Board.

Copy of call for meeting:
State of Mississippi.)
County of Hancock.)
To William Sick, R. S. Blaize, and Alce Carver, aldermen of the City of Bay St. ouis, Miss.

You are notified that at a special meeting of the Board of Mayor and Aldermen, of the City of Bay St. Louis, is called to meet at the City Hall, in said city, on the 18th day of September, at 5 o'clock P. M., the object of said meeting is as follows, to pay off city labor, to pass upon extention of Nicaise avenue from Main street on through to Carroll avenue.

R. W. WEBB, Mayor.

The city marshal will execute and return the above notice instanter.

R. W. WEBB, Mayor.

Attest: Sylvan J. Ladner.

Received the above call at 9:00 o'clock on this the 18th day of September, 1920. ALBERT JONES, City Marshal.

We, the undersigned Aldermen of the City of Bay St. Louis, hereby acknowledge service of the above call upon us personally at least 3 hours before the time of meeting and waive copy of call.

Wm. C. Sick, 9 o'clock A. M.
Leo P. Blaize, 10 o'clock A. M.
L. C. Carver, 10:30 A. M.
R. S. Blaize—out of town.

I have served notice on the above aldermen at least three hours before the time of meeting.

ALBERT JONES, City Marshal.

The following bills were allowed, approved and ordered paid out of the following fund:

CITY FUND.

Arthur Delcuze, 14 days labor at $2.50,	35.00
J. D. Saucier, 2 1-2 days,	6.25
Eddie Preveau, 3 days,	7.50
Edwin Rout, 8 days,	20.00
John Basford, 1 1-2 days,	3.75
L. Bangard, express on merchandise for city,	1.81
J. E. Johnston, teamster No. 1, salary, 1-2 month,	32.50
Ernest Meyers, teamster No. 2, salary half month,	30.00

There being no further business appearing, the Board adjourned its meeting in course.

S. J. LADNER, Sec'y.

SCRATCH MY BACK!

NOTICE TO PUBLISHERS.

Notice is hereby given that the Board of Supervisors of Hancock county will receive bids for publishing proceedings of said Board for two years from Monday, October 4, 1920, bidders to furnish bond in double the amount of his bid and to secure copy of minutes himself.

Sealed bids will be received not later than Monday, October 4, 1920, at 11 A. M. The Board reserves the right to reject any and all bids.

A. A. KERGOSIEN, Clerk.

SCRATCH MY BACK!

PROGRAM NEXT WEEK AT THE

A. & G. THEATRE.

On the Beach

* * *

MONDAY, SEPT. 27TH:— Enid Bennett in "What Every Woman Learns," Paramount. Comedy.

* * *

TUESDAY, SEPT. 28TH:— "Camille of the Yukon," all-star Fox production, Mutt and Jeff and Fox News.

* * *

WEDNESDAY, SEPT. 29TH:— Tom Moore in "Thirty A Week," Goldwyn production, and Comedy.

* * *

THURSDAY, SEPT. 30TH:— William Farnum in Zane Grey's best novel, "The Last of the Duanes" and Charlie Chaplin.

* * *

FRIDAY, OCTOBER 1ST:— Viola Dana in "Please Get Married," Metro, and Fox News.

* * *

SATURDAY, OCTOBER 2ND: Paramount Feature and Comedy.

SECOND LARGEST CIRCUS IN THE WORLD TO VISIT COAST.

Sells-Floto Show Will Be Gulfport Monday, October 4th.

Sells-Floto circus, now the second largest in the world, is going to be in Gulfport, Monday, October 4th, for afternoon and night performances, and thousands of people in this vicinity who prefer the circus above any other of the tented amusements, will take advantage of this day and visit the big white tops.

The circus this season opened its tour of the country by playing a three weeks engagement in the Coliseum, Chicago, durng April to great audiences, and newspapers praised the prformances very highly, stating this the greatest performance ever seen in the Windy City. Itopens with the big production, "The Birth of the Rainbow," in which the greatest circus family is introduced. Following are the great aerial, ground, riding, Indian, wire, animal, clown, dog, pony and monkey acts, and plenty of music. A real circus perfomance is prommised for those fortunate enough to take a day or evening off to see the circus.

The usual brilliant—more brilliant than ever, street parade will be given on the morning of circus day.

NOTICE TO THE PUBLIC.

Hancock County Fair Association Desirious of Selling Right for Restaurant and Soft Drink Departments.

The management of the Hancock County Fair Association will receive through any of its officers bids or offers for the privilege of keeping the restaurant department and the soft drink and ice cream department for the two days of the fair, to be held October 7th and 8th. The management will consider either a flat rate or commission proposition. Churches and fraternal organizations will be given first consideration.

Chancery Summons.—No. 2386.

The State of Mississippi:
To Eddie Hale—

You are commanded to appear before the Chancery Court of the County of Hancock, in said State, on the 4th Monday of October, A. D. 1920, to defend the suit in said court of Violo Hale, wherein you are a defendant.

This 17th day of Sept. A. D. 1920.
(Sesl.) A. A. KERGOSIEN, Clerk.

Chancery Summons—No. 2385.

To Howard D. King—
The State of Mississippi:

You are commanded to appear before the Chancery Court of the County of Hancock, in said State, on the 4th Monday of October, A. D. 1920, to defend the suit in said court of Mrs. Violet O'Connor King, wherein you a defendant.

This 17th day of Sept. A. D. 1920.
(Sesl.) A. A. KERGOSIEN, Clerk.

Chancery Summons.—No. 2382.

The State of Mississippi.

To Effie Dennis: You are commandedto appear before the Chancery Court of the County of Hancock in said State, on the fourth Monday of October, A. D. 1920, to defend the suit in said court of Willie Dennis, wherein you are a defendant.

This 10th day of Sept. A. D. 1920.
Seal. A. A. KERGOSIEN, Clerk.

LOST.

Between the 11-mile post and the 18-mile post, on the Weston Farm road or Texas Flat road, one openface watch; octagon shaped; blue figures; gold hands; fob with initials, "W. J. G." attached to watch. Finder will receive liberal reward by returning same to W. J. Gex, Bay St. Louis, Mississippi. 1

CARD OF THANKS.

We take this means of thanking our friends for all the kindness shown us during the illness and after the death of Mr. T. F. Smith.

MRS. T. F. SMITH,
AND DAUGHTERS,
MRS. E. S. DRAKE,
E. S. DRAKE.

PROGRAM NEXT WEEK AT THE

VICTORY AIR DOME,

Near L. & N. R. R. Depot.

MONDAY.
Clara Kmball Young in Marionettes and a Hank Mann Comedy.

TUESDAY.
Harry Carey in The Ace of the Saddle, and Bray Pictograph.

WEDNESDAY.
Frank Keenan in Dollar for Dollar, Pathe News.

THURSDAY.
Alice Joyce in Slaves of Pride, and a Jolly Comedy.

FRIDAY.
Anita Stewart in The Juggernaut, Hank Mann Comedy.

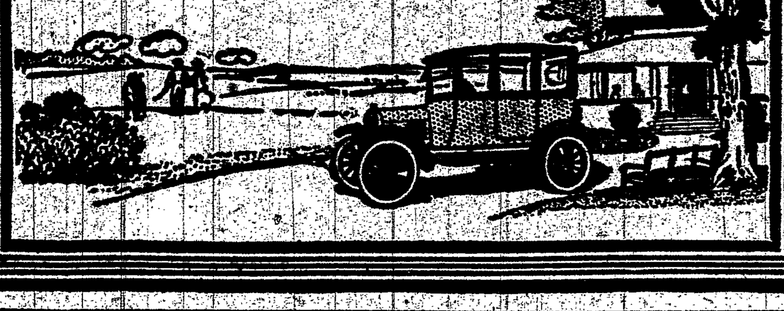
SATURDAY.
Special! Special! Special! Special.
Corinne Griffith in The Climbers, and 2-Reel Sunbeam Comedy.

Coming: Louise Glaum in "Sahara."
Coming: Louise Glaum in "Sahara."

Ford

The Ford Sedan, with electric self-starting and lighting system and demountable rims with 3½-inch tires front and rear, is a family car of class and comfort, both in summer and in winter. For touring it is a most comfortable car. The large plate glass windows make it an open car when desired, while in case of rain and all inclement weather, it can be made a most delightful closed car in a few minutes. Rain-proof, dustproof, fine upholstering, broad, roomy seats. Simple in operation. Anybody can safely drive it. While it has all the distinctive and economical merits of the Ford car in operation and maintenance. Won't you come in and look it over?

EDWARDS BROTHERS,
LOCAL SELLING AGENTS,
Bay St. Louis, Mississippi.



STATEMENT OF

The Financial Condition of The

MERCHANTS BANK,

Located at Bay St. Louis, Miss., in the county of Hancock, State of Mississippi, at the close of business, SEPTEMBER 8, 1920, made to the Board of Bank Examiners.

RESOURCES:

Loans and discounts,	388,215.18
Overdrafts, unsecured,	737.09
United States Bonds, Certificates of indebtedness and W. Savings Stamps,	16,831.12
Stocks, Bonds, Securities,	36,855.00
Warrants, (State, County, and Municipal)	55.00
Guaranty Fund with State Treasurer,	2,000.00
Banking House and Lot,	8,000.00
Furniture and Fixtures,	3,500.00
Due from other banks—for commercial or reserve funds,	91,127.64
Exchange and checks for next day's clearings,	181.31
Other cash items,	252.66
Currency,	23,303.00
Gold Coin,	477.50
Silver Coin, Nickels and Cents,	1,612.29
Suspense	134.15
TOTAL,	—$573,281.94

LIABILITIES:

Capital Stock,	30,000.00
Surplus Fund,	35,000.00
Undivided profits, less amount paid for interest, taxes and current expenses,	4,837.22
Dividends,	67.00
Individual deposits, subject to check,	195,32681
Savings deposits,	147.948.86
Time Certificates of Deposit,	112.982.22
Public Deposits: demand,	16,193.37
Bank Deposits—other than branches,	19,697.78
Cashier's Checks,	1,228.68
Bills payable,	10,000.00
TOTAL,	—$573,281.94

I, George R. Rea, cashier, do solemnly swear that the above is a true statement of the financial condition of The Merchants Bank, lacoted at Bay St. Louis, in the county of Hancock, State of Mississippi, at the close of business on the 8th day of September, 1920, to the best of my knowledge and belief.

GEO. R. REA, Cashier.

Correct—Attest:
JOHN OSOINACH,)
CHAS. G. MOREAU,)
Directors.

State of Mississippi, Hancock County. Sworn to and subscribed before me, this 17 day of September, 1920. J. A. BREATH, J. P. and Ex-Officio Notary Public.

My commission expires January 1, 1824.

SPECIAL ADVERTISEMENTS.

FOR SALE—TWO FORD TRUCKS; first-class condition. Apply to H. G. HORLOCK, P. O. Box 152, Waveland, Miss.

—The Bay Studio, Front street, offers unequaled service for quick work in developing and printing. We can deliver work in 24 hours when required.

SCRATCH MY BACK!
SCRATCH MY BACK!
SCRATCH MY BACK!
SCRATCH MY BACK!
SCRATCH MY BACK!

Chancery Summons.—No. 2372.

The State of Missisippi.

To Joseph Favre, if alive, and if dead, his unknown heirs at law or legatees and all other persons having or claiming any right, title or interest in and to the following described land, to-wit: That part of the Joseph Favre claim which lies west of Four Dollar Bayou, and a part of Lot 2, Secton 30, being part of said lot 2 mhich lies beween the west line of the Joseph Favre claim and Bayou Philip, the south line of which is a continuation of the south line of the said Jos. Favre claim; said land is in T-ship 8, S. R. 14 West and is known as Justine Point, and contains 126 acres, more or less, all in Hancock County, Mississippi.

You are commanded to appear before the Chancery Court of the County of Hancock, in said State, on the 4th Monday of October, A. D. 1920, to defend the suit in said court of the R. J. Williams Land Company, wherein you are defendant.

This 3rd day of Aug. A. D. 1920.

NOTICE TO CONTRACTORS.

The Board of Trustees together with the county superintendents of Harrison and Hancock counties respectively will receive bids for the building of a room 24 feet by 30 feet as an annex to the Dedeaux Consolidated school on

SATURDAY, OCT. 16, 1920,

at said Dedeaux Consolidated School house. The room is to be built to conform with the rooms of the main building and to be built from first grade material, as follows:

1. Sills, grade B and better and to conform in size to main building.
2. Framing, grade B and better and to conform in size to main building.
3. Weather boards, grade B and better.
4. Ceiling, all No. 1.
5. Openings, seven windows and one door, to correspond with main building.
6. Foundations, to correspond with main buildings.
7. Single flue.
8. Roofing, to correspond with main building.
9. Paint, to correspond with main building.

The Board reserves the right to reject any and all bids.

By order of the board, thi sthe 22 day of September, 1920.

T. E. KELLAR, Acting Secretary.
County Superintendent of Education, Hancock County, Miss. 3

—Scratch My Back !
—Scratch My Back !

PROFESSIONAL CARDS.

DR. J. A. EVANS,
DENTIST
HOURS:
9 to 12 M. and 1 to 5 P. M.
Office—Hancock County Bank Bldg.
BAY ST. LOUIS, MISS.

EMILE J. GEX,
ATTORNEY-AT-LAW
Will practice in all local, district and federal courts.

MONEY will GROW just like corn if you begin BANKING it.

THE GREATEST FACTS ARE THE SIMPLEST ONES, TWO AND TWO MAKE FOUR—AND THEY MAKE IT VERY FAST WHEN ROU BEGIN ADDING SOME MONEY EACH PAY DAY TO WHAT YOU ALREADY HAVE IN OUR BANK.

TIME GOES RAPIDLY BY AND SOON YOU'LL HAVE A BIG BANK BALANCE.

IF YOU HAVE A BANK BALANCE IN THE MERCHANTS BANK ADD TO IT. IF YOU HAVE NO BANK ACCOUNT WITH US, START ONE. PUT YOUR MONEY IN OUR BANK.

MERCHANTS BANK.

FOR

LUMBER

SEE

KERGOSIEN & JOYNER,

OUR MOTTO—Best Lumber and Prompt Deliveries.
WE MAKE LOCAL DELIVERIES.
Two Phones—Nos. 2 and 14. Bay St. Louis, Miss.

Joseph O. Mauffray,

HARDWARE:	DRY GOODS:
IMPLEMENTS,	A CLEAN LINE OF
UTENSILS,	CAREFULLY SE-
CUTLERY,	LECTED FABRICS,
TOOLS,	CONSERVATIVELY
STOVES,	BOUGHT, CON-
RANGES,	SCIENTIOUSLY
ETC., ETC.	PRICED FOR YOUR
	DELECTATION.

JOSEPH O. MAUFFRAY, FRONT STREET

"Boy, page Methuselah"

THERE IS a man,
IN OUR town.
WHO IS so old.
HE'S FORGOTTEN his age,
HE WAS elevator boy.
IN NEARLY all.
OF WASHINGTON'S headquarters.
HE WAS the first.
WHO BROUGHT down the house.
BY ASKING why,
A HEN crossed the road.
SO THAT'S how old he is.
HE'D JUST lost a job.
THAT HE started on.
IN 1869.
HE SAID if he'd known.
IT WASN'T permanent.
HE'D NEVER have taken it.
HE ALSO said.
"IF A ham needs.
A WEEK of smoke,
TO CURE it.
I'M CURED of everything,
FOR I been smoking,
NIGH ON a century.
THE ONLY secret of old age,
IS ALWAYS keeping.
ABSOLUTELY CONTENTED,"
AND I gave him one,
OF MY cigarettes,
AND HE smacked his lips,
AND SAID, "That's it,
THEY SATISFY."

"THEY SATISFY"—that's the solid fact to tie to. And there never was such a cigarette for steady company. Good tobaccos, yes—but more than that. Good blending, by a private formula that can't be copied—that's why Chesterfields everlastingly "satisfy."

They Satisfy
Chesterfield
CIGARETTES
Liggett & Myers Tobacco Co.